

38.(amended) A method of constructing a gas discharge laser, comprising the steps of:

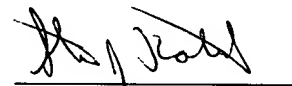
supporting a discharge tube made of dielectric material between a mirror and an output coupler so as to form a sealed laser cavity between the mirror and the output coupler along the inside of the discharge tube, the output coupler being flexibly sealed to the discharge tube with an elastomeric seal;

mounting a pair of electrodes adjacent to and outside of the discharge tube and disposed on opposite sides of it so that a laser discharge occurs in the tube, the electrodes being not in physical contact with the laser discharge; and

evacuating the laser cavity and then installing laser gas into it.

Respectfully submitted,
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by



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